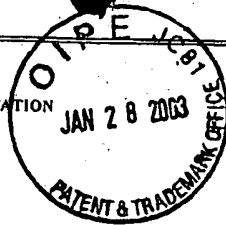


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INFORMATION DISCLOSURE CITATION
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ATTORNEY DOCKET NO.
302705.3001-105
(SYP-137PC1)APPLICATION NO.
10/023,203APPLICANT
Marvin L. VestalFILING DATE
December 17, 2001GROUP ART UNIT
2881

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>Q</i>	A16	5,854,484	12/29/98	Bergmann	250	287	
	A17	5,854,485	12/29/98	Bergmann	250	287	
	A18	6,011,259	01/2000	Whitehouse <i>et al.</i>	250	288	
	A19	6,040,575	03/2000	Whitehouse <i>et al.</i>	250	282	
	A20	6,204,500	03/2001	Whitehouse	250	287	
	A21	6,348,668	02/19/02	Vestal			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Q</i>	C5	International Search Report dated August 16, 1999 of corresponding PCT Application No. PCT/US99/02599					

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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<u>CUB</u>	A1	4,731,533	03/15/88	Vestal	250	292	
	A2	5,032,722	07/16/91	Boesl et al.	250	287	
	A3	5,144,127	09/01/92	Williams et al.	250	287	
	A4	5,118,937	06/02/92	Hillenkamp et al.	250	282	
	A5	5,202,563	04/13/93	Cotter et al.	250	287	
	A6	5,206,508	04/27/93	Alderdice et al.	250	287	
	A7	5,233,189	08/03/93	Wollnik	250	287	
	A8	5,464,985	11/07/95	Cornish et al.	250	396	
	A9	5,625,184	04/29/97	Vestal et al.	250	287	
	A10	5,627,369	05/06/97	Vestal et al.	250	287	
	A11	5,654,545	08/05/97	Holle et al.	250	287	
	A12	5,696,375	12/09/97	Park et al.	250	287	
	A13	5,734,161	03/31/98	Köster	250	287	
	A14	5,744,797	04/28/98	Park	250	287	
✓	A15	5,753,909	05/19/98	Park et al.	250	287	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<u>CUB</u>	B1	WO 97/48120	18 Dec 1997	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<u>CUB</u>	C1	Boesl, et al., "Reflectron time-of-flight mass spectrometry and laser excitation for the analysis of neutrals, ionized molecules and secondary fragments", <i>International Journal of Mass Spectrometry and Ion Process</i> 112:121-166 (1992).
↓	C2	Ioanoviciu, D., "The application of ion optics in time-of-flight mass spectrometry," <i>International Journal of Mass Spectrometry and Ion Process</i> 131:43-65 (1994).
↓	C3	Jacobson, et al., "Applications of Mass Spectrometry to DNA Sequencing," <i>GATA</i> 8(8):223-229
↓	C4	McLucky et al., "Tandem Mass Spectrometry of Small, Multiply Charged Oligonucleotides," <i>Journal of American Society Mass Spectrom</i> 3:60-70 (1992).

EXAMINER

DATE CONSIDERED